

Supplementary Table S1. PRRSV primers used in this study

| Gene | Sequence (5'-3')* | Expected size (bp) |
|------|---|-----------------------|
| GP2 | F: GCAC <u>GTCTG</u> ACTCACCATCGCCGGTT(SalI) R: AC <u>GGATCC</u> ACTCAAAGTACTATTATACAC(Bam HI) | 444 |
| GP2 | F: AC <u>GCTAGCT</u> CACCATCGCCGGTTGGCTG(Nhe I) R: AC <u>ATCGATA</u> CTCAAAGTACTATTATACAC(Cla I) | 444 |
| GP3 | F: GCAC <u>GTCTG</u> ACTGCCTCACCCGGCAAGC(SalI) R: AC <u>GGATCCT</u> GAAATGTTGTCATGGCG(BamHI) | 318 |
| GP3 | F: AC <u>CTCGAGT</u> GCCTCACCCGGCAAGC(XhoI) R: <u>CGAATTCT</u> GAAATGTTGTCATGGCG (EcoRI) | 318 |
| GP4 | F: AAC <u>GCATG</u> CCCATGTTTCAGTTCGAG(SphI) R: AAC <u>ACCGGT</u> TCCCTTTTCGCTCATCTC(AgeI) | 267 |
| GP4 | F: AC <u>CTCGAGC</u> CATGTTTCAGTTCGAG(XhoI) R: <u>CGAATTC</u> TCCCTTTTCGCTCATCTC(EcoRI) | 267 |
| GP5 | F:AAC <u>CTCGAGC</u> CAAACACCAGCTCTTACTCCCAG(Xho I) R:AA <u>ATCTAGA</u> ACGCCCCAATGAAATTTGTC(Xba I) | 111 |
| GP5 | F:CCAACAAC <u>GCGGCCG</u> CCCAAACACCAGCTCTTACTCCCAG(Not I) R: GCAC <u>GTCTGAC</u> ACGCCCCAATGAAATTTGTC(SalI) | 111 |
| GP5 | F: AAC <u>GCATG</u> CCCAAACACCAGCTCTTACTCCCAG(SphI) R:AAA <u>ACCGGT</u> ACGCCCCAATGAAATTTGTC(Age I) | 111 |
| GP5 | F: AACAAC <u>CATATG</u> CCCAAACACCAGCTCTTACTCCCAG(Nde I) R:AC <u>GCTAGC</u> ACGCCCCAATGAAATTTGTC(Nhe I) | 111 |
| M | F:AC <u>CTCGAG</u> ATGGGGTCGTCCCTAGACGAC(Xho I) R: <u>CGAATTC</u> CTGCGGAGCCGTGCT(EcoRI) | 48 |
| M | F:AACAC <u>CATATG</u> ATGGGGTCGTCCCTAGACGCA(Nde I) R:AC <u>GCTAGC</u> CTGCGGAGCCGTGC(Nhe I) | 48 |

*Underlines indicate the location of restriction sites.